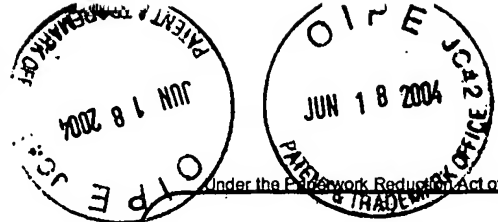


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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/810,380	
	Filing Date	03-26-2004	
	First Named Inventor	Mitchell, Matthew P.	
	Art Unit	3744	
	Examiner Name		
Total Number of Pages in This Submission	4	Attorney Docket Number	COMBO1

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> Copies of papers (other than U.S. Patents) referenced in IDS are enclosed.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Matthew P. Mitchell
Signature	<i>Matthew P. Mitchell</i>
Date	06-16-2004

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Typed or printed name	Matthew P. Mitchell
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Date	06-16-2004

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 3

**Complete if Known**

Application Number	10/810,380
Filing Date	03-26-2004
First Named Inventor	Mitchell, Matthew P.
Art Unit	3744
Examiner Name	
Attorney Docket Number	COMBO1

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,644,038	11-11-2003	Acharya, et al.	Whole patent
		US- 6,637,211	10-28-2003	Swift, et al.	Figs. 6A, 6B, 7B, 8B
		US-			Col. 2, l. 48 -
		US-			Col. 4, l. 56;
		US-			Col. 6, l. 22-
		US-			Col. 13, l. 30
		US- 6,595,007	07-22-2003	Amano	Fig. 2;
		US-			Col. 4, ll. 45-54
		US- 6,532,748	03-18-2003	Yuan, et al.	Whole patent
		US- 6,376,943	04-23-2002	Gamble, et al.	Whole patent
		US- 6,625,992	09-30-2003	Maguire, et al.	Whole patent
		US- 6,082,117	07-04-2000	Funatsu, et al.	Figs. 1-3;
		US-			Col. 2, ll. 36-53
		US- 6,070,414	06-06-2000	Ross, et al.	Figs. 1-4
		US-			Col. 1, l. 7 -
		US-			Col. 6, l. 7
		US- 5,953,920	09-21-1999	Swift, et al.	Figs. 1C, 2
		US- 5,791,149	08-11-1998	Dean	Figs 1, 2
		US-			Col. 3, ll. 28-38

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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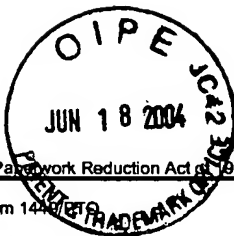
Application Number	10/810,380
Filing Date	03-26-2004
First Named Inventor	Mitchell, Matthew P.
Art Unit	3744
Examiner Name	
Attorney Docket Number	COMBO1

Sheet	2	of	3
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[illegible][illegible]Date  
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Application Number	10/810,380
Filing Date	03-26-2004
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Art Unit	3744
Examiner Name	
Attorney Docket Number	COMBO1

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	EXAIR CORPORATION, Catalogue 17, (2000) p. 74.	
	C2	ACKERMANN, R. A. et al., "Cryogenic Refrigerator Evaluation for Medical and Rotating Machine Applications," Cryocoolers 12 (06-18-2002) pp. 805-811, esp. Figs. 5-6.	
	C3	CERIDON, K. M., et al., "Remote Cooling with a G-M Cryocooler by Use of Cold Electromagnetic Valves Driving an External Flow Loop," Cryocoolers 11, (06-20-2000), pp. 393-400.	
	C4	FLECK, U., et al., "Cooling of HTS Applications in the Temperature Range of 66 K to 80 K," Advances in Cryogenic Engineering 47A (07-16-2001) pp. 188-195, esp. Fig. 1.	
	C5	PERIN, A., "Study of Materials and Adhesives for Superconducting Cable Feedthroughs," Advances in Cryogenic Engineering 47A (07-16-2001), pp. 551-558.	
	C6	CHEN, G. B., "Investigation of a Near-63K Isothermal in a Pulse Tube Refrigerator with He-N <sub>2</sub> Mixtures," Advances in Cryogenic Eng'ng 47A(07-16-2001), pp. 855-862, esp. Fig. 7.	
	C7	KASTHURIRENGAN, S., et al., "Reduction of Convection Heat Losses in Low Frequency Pulse Tube Coolers with Mesh Inserts," Advances in Cryo. Eng'g 45A,(7/12/1999) pp. 135-142.	
	C8	IYENGAR, K. S., "Effect of Heat Transfer on Cooling of Current Leads," Advances in Cryogenic Engineering 43B (07-28-1997), pp. 1351-1357, esp. Fig. 1.	

Examiner Signature	Date Considered
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